MAY 17 2004 SS

REPLACEMENT DRAWINGS - SHEET 1 OF 24

 Invention:
 Intrasion Detection System
 Serial No.:
 10/750,469

 Inventors:
 Larry C. Hardin & Lawrence V. Nash
 Filed:
 December 31, 2003

 Attorney:
 William O. Geny, Reg. # 27,444
 Telephone:
 (503) 227-5631

VIDEO CAMERA
SUB-SYSTEM
AND
VIDEO DISPLAY

CAMERA B VIDEO

CAMERA

CAMERA B VIDEO

CAMERA

CAMERA B VIDEO

10

12

FIG. 1

REPLACEMENT DRAWINGS - SHEET 2 OF 24

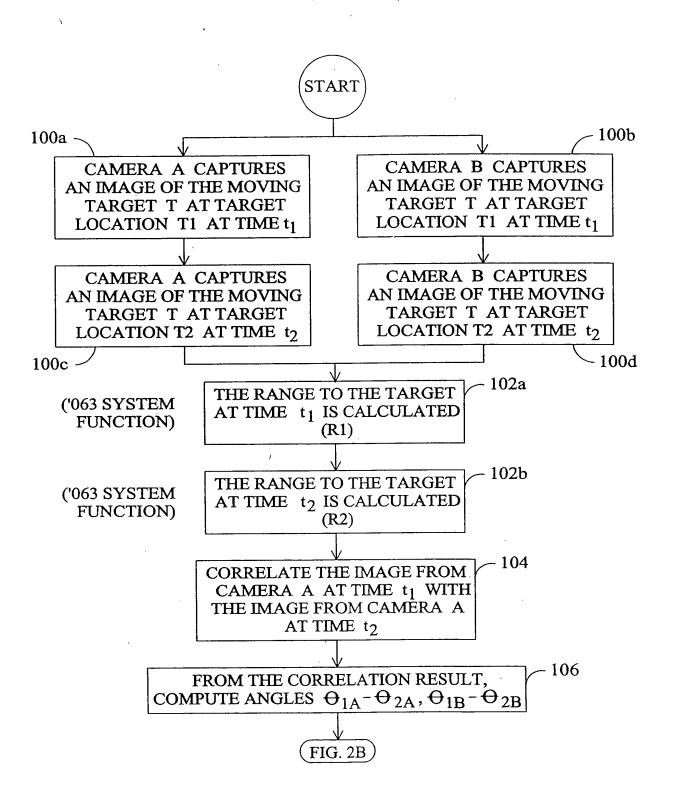


FIG. 2A

REPLACEMENT DRAWINGS - SHEET 3 OF 24

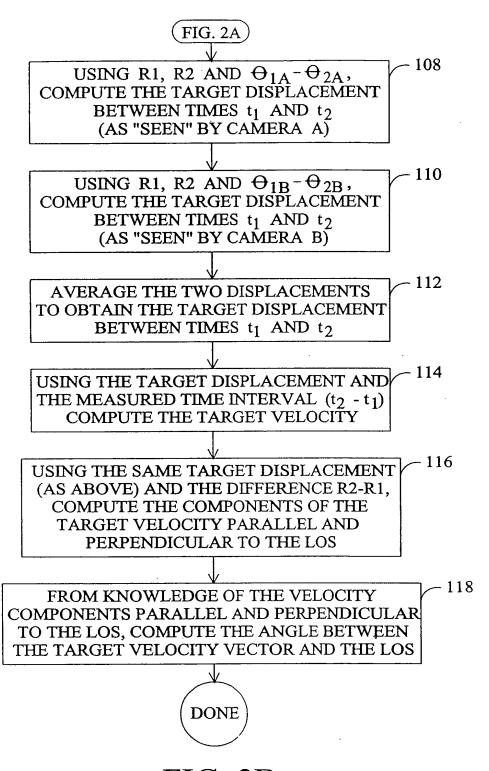
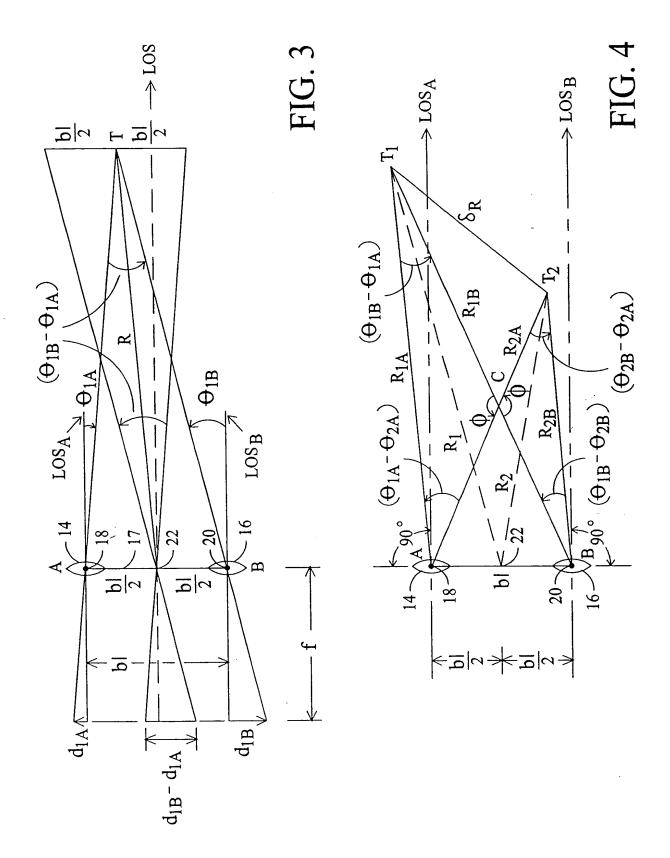


FIG. 2B

REPLACEMENT DRAWINGS - SHEET 4 OF 24



REPLACEMENT DRAWINGS - SHEET 5 OF 24

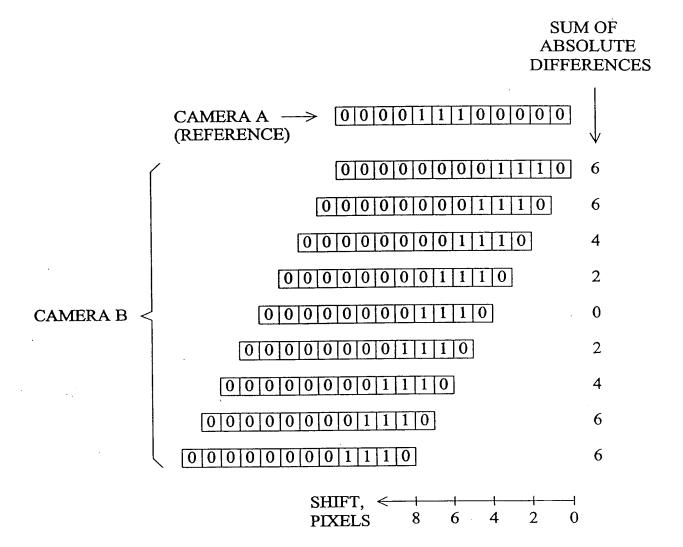


FIG. 5

REPLACEMENT DRAWINGS - SHEET 6 OF 24

SUM OF ABSOLUTE DIFFERENCES

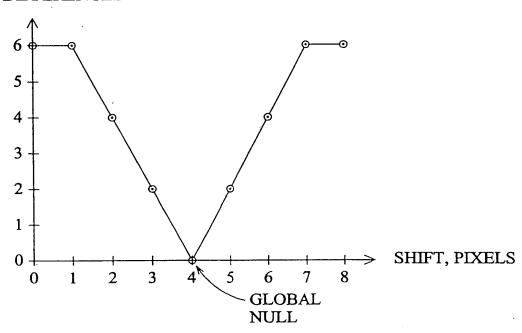
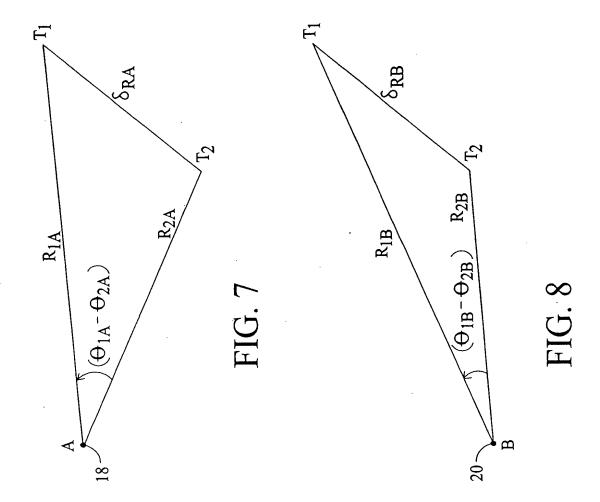
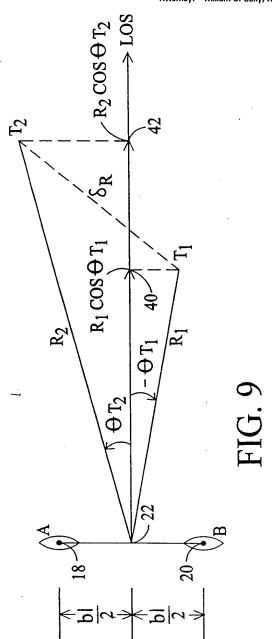


FIG. 6

REPLACEMENT DRAWINGS - SHEET 7 OF 24



REPLACEMENT DRAWINGS - SHEET 8 OF 24



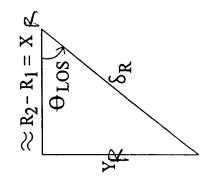


FIG. 10

REPLACEMENT DRAWINGS - SHEET 9 of 24

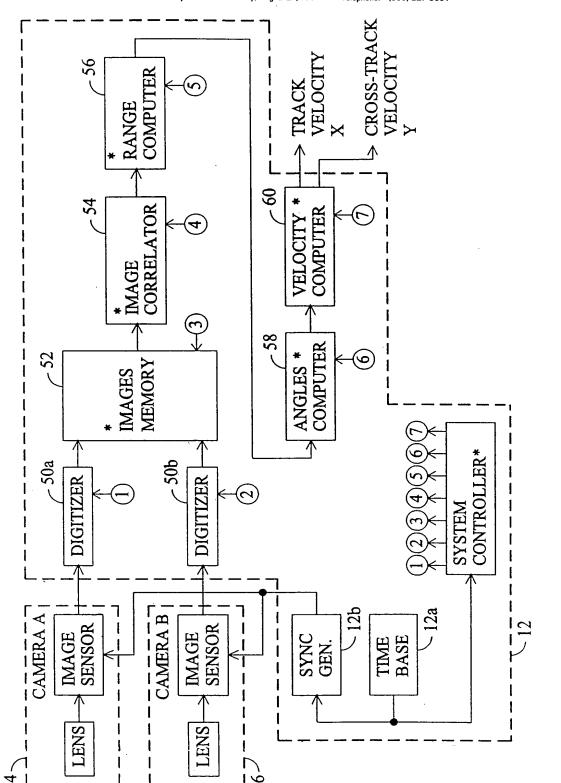


FIG. 11

REPLACEMENT DRAWINGS - SHEET 10 OF 24

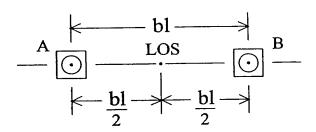


FIG. 12

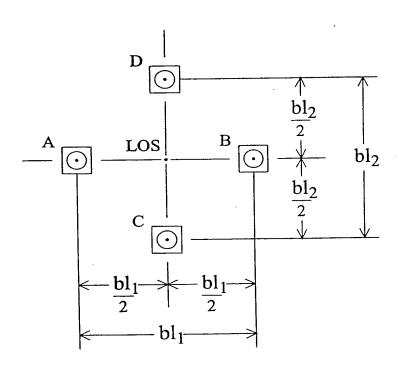


FIG. 13

REPLACEMENT DRAWINGS - SHEET 11 OF 24

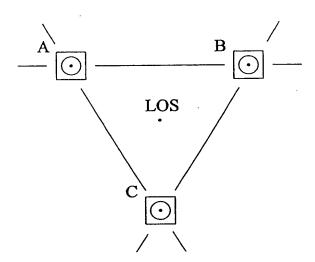


FIG. 14

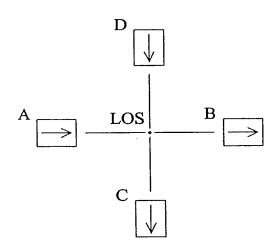
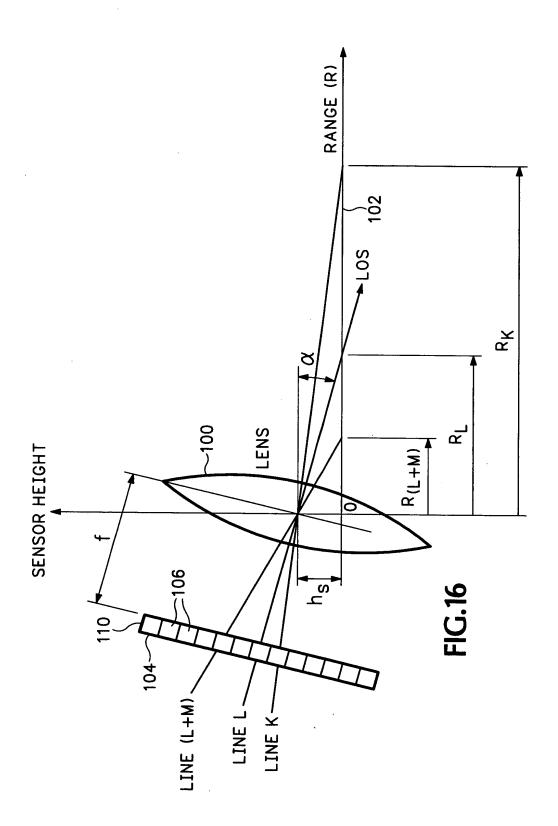
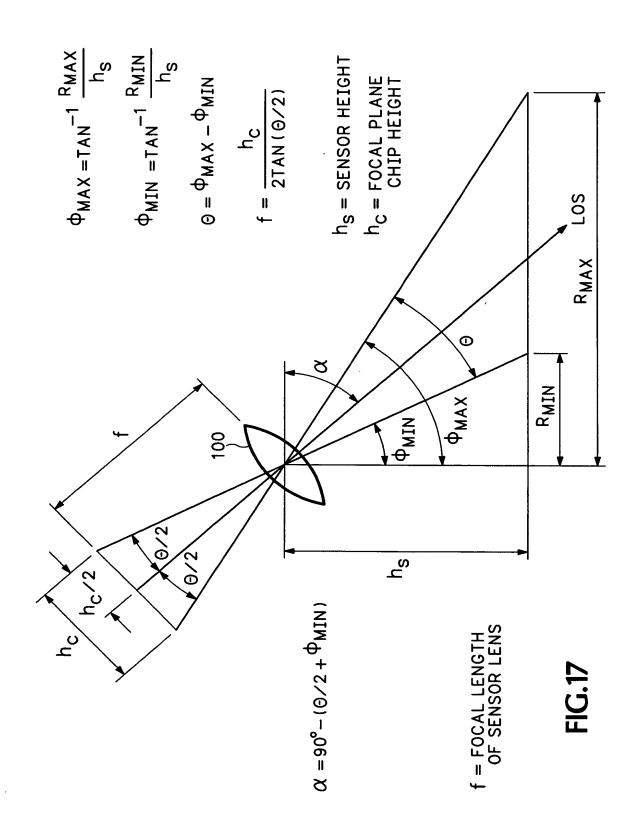


FIG. 15

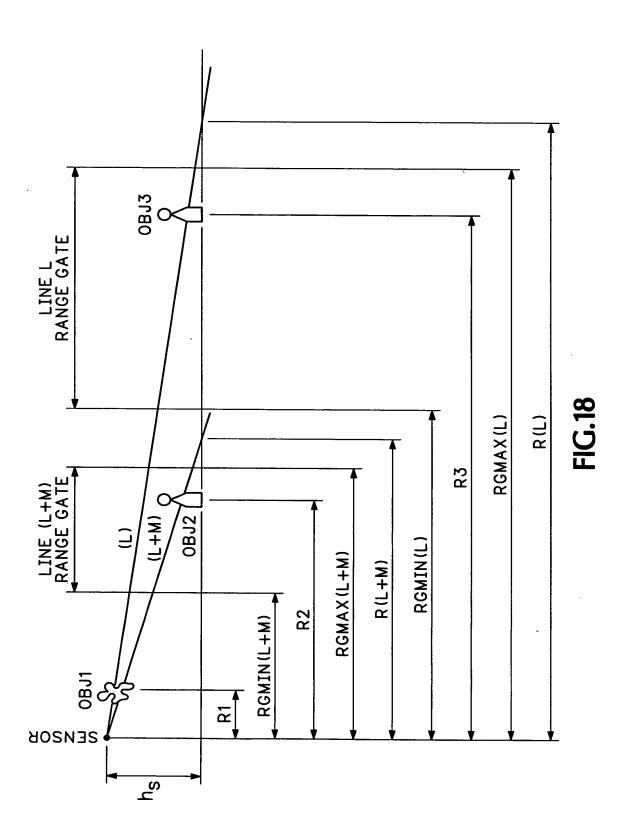
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REPLACEMENT DRAWINGS - SHEET 13 OF 24



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REPLACEMENT DRAWINGS - SHEET 15 OF 24

 Invention:
 INTRUSION DETECTION SYSTEM
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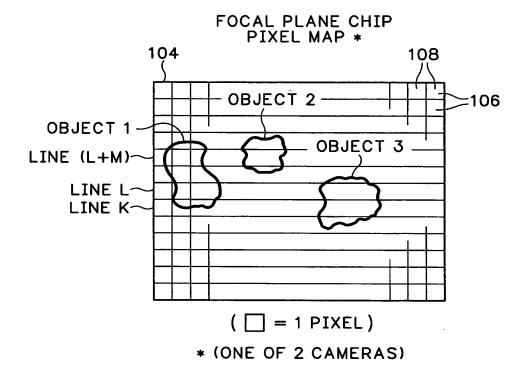


FIG.19

REPLACEMENT DRAWINGS - SHEET 16 OF 24

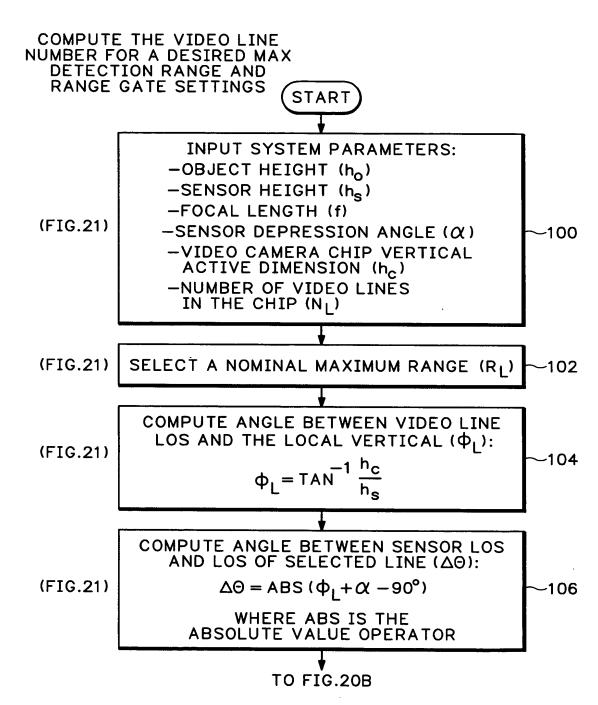


FIG.20A

REPLACEMENT DRAWINGS - SHEET 17 OF 24

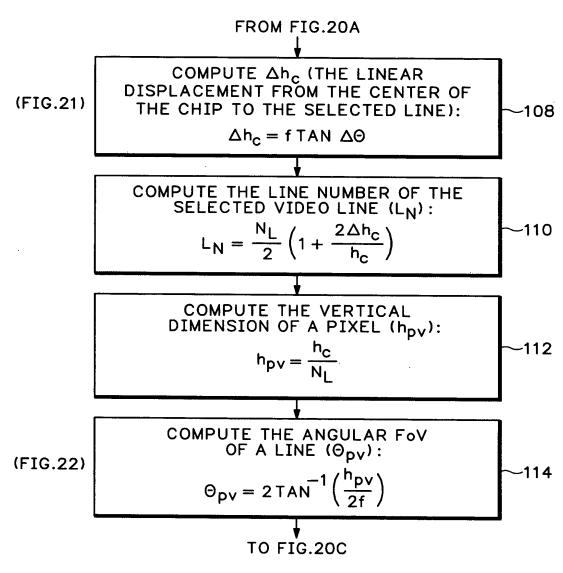


FIG.20B

REPLACEMENT DRAWINGS - SHEET 18 OF 24

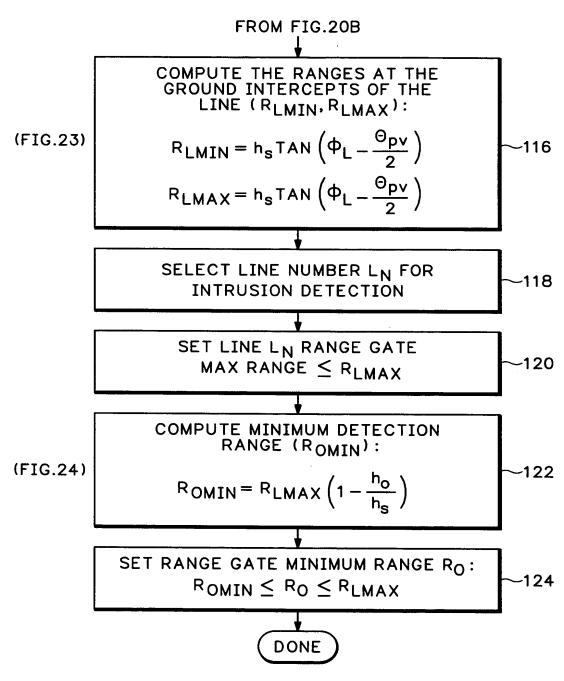
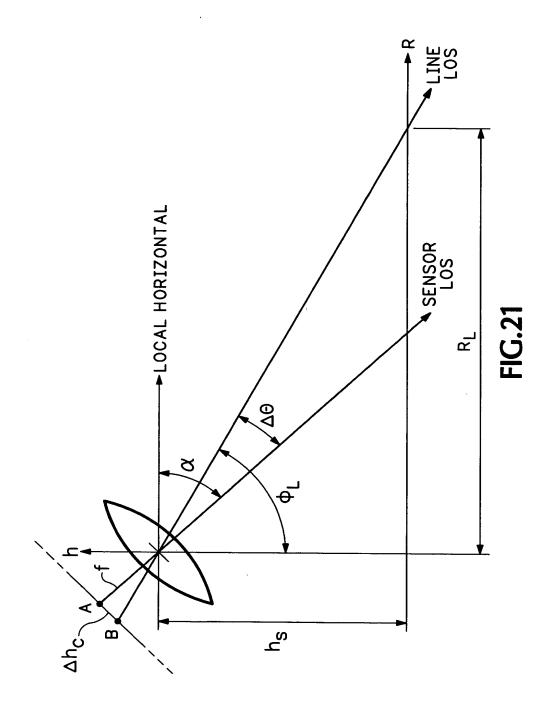


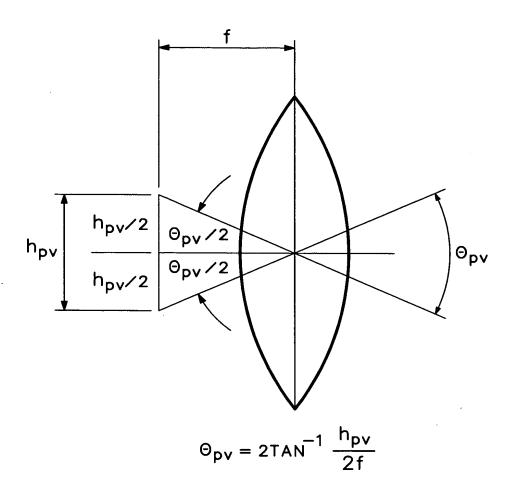
FIG.20C

REPLACEMENT DRAWINGS - SHEET 19 of 24



REPLACEMENT DRAWINGS - SHEET 20 OF 24

Invention: Intrusion Detection System Serial No.: 10/750,469 Inventors: Larry C. Hardin & Lawrence V. Nash Filed: December 31, 2003 Attorney: William O. Geny, Reg. # 27,444 Telephone: (503) 227-5631



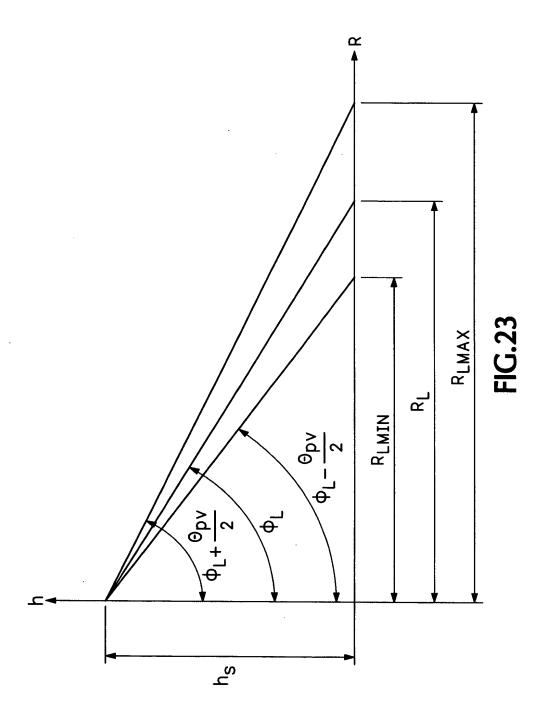
WHERE: Θ_{pv} IS THE VERTICAL ANGULAR FoV OF A PIXEL

IS THE FOCAL LENGTH

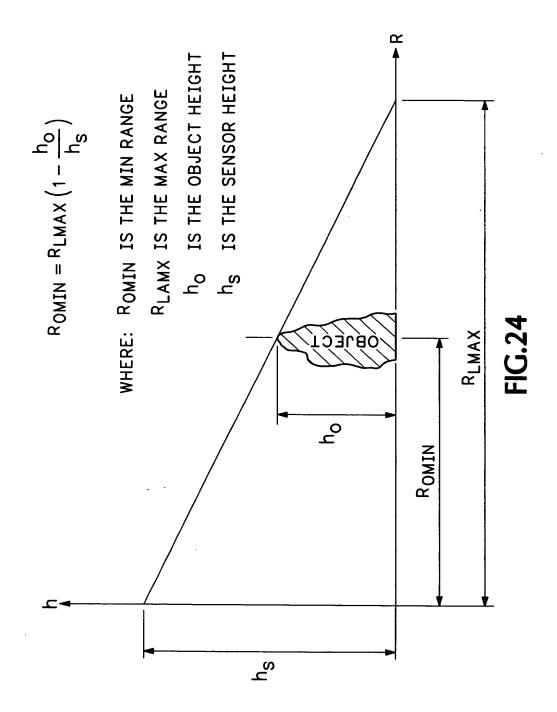
 h_{pv} is the pixel height

FIG.22

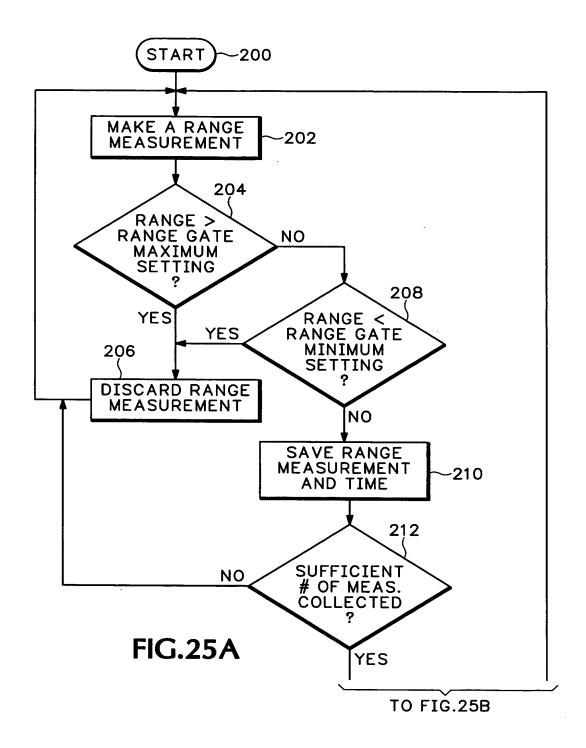
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REPLACEMENT DRAWINGS - SHEET 24 OF 24

